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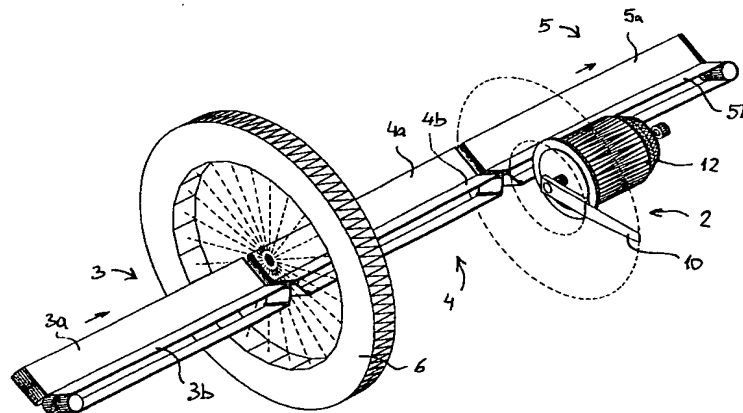
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(54) Title: APPARATUS FOR PORTION CUTTING OF FOOD PRODUCTS OR SIMILAR ITEMS



(57) Abstract: The present invention concerns an apparatus for portion cutting of products, such as food products (1), said apparatus comprising cutting means (2) for sectioning the products (1); scanning means (6) for detecting at least one characteristic of the product; conveying means (4) for transporting the product from the scanning means to the cutting means, and control means for controlling and regulating at least one relevant cutting process parameters in order to achieve predetermined product portions based on the detected product characteristics, wherein the conveying means comprises at least one conveyor unit (4) having two substantially parallel conveyors (4a; 4b) each having an upper conveying surface, said upper conveying surfaces being inclined relative to each other, so that the conveying surfaces of the conveyors have a mutual angle different from 180° in a traverse direction of the conveying direction. Hereby, a reliable portion cutting apparatus is provided wherein food items, such as pork, beef or fish, are handled gentle and efficiently and it is ensured in a simple manner that the items are kept stationary relative to the conveyors during the processing of the items, and in particular may be sectioned into predetermined portions in a precise manner.

INTERNATIONAL SEARCH REPORT

Intel Application No
PCT/DK 03/00707

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A22C17/00 A22C25/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A22C B26D B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DK 9 600 164 U (NORFO AS) 12 September 1997 (1997-09-12) page 6 -page 9	1-17
A	--- WO 01 32369 A (JENSEN ERIK STENDER ;NORFO AS (DK)) 10 May 2001 (2001-05-10) page 3, line 18 -page 5, line 26	1-17
A	--- US 1 405 238 A (HARTE LOVELACE ROSEMAN EDWARD) 31 January 1922 (1922-01-31) page 1, line 52 - line 83 -----	1-17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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